

Marine Paint Manual

Reference No. : E 10/16

Issue Date: February 2019 (EU)

UNIPRIME 20 (E)

A special synthetic resin based primer, suitable for exposed decks and the exterior of superstructures. As it is aluminium free, it can also be used for corrosion prevention on the superstructure and deck areas of tankers. This product has excellent hold-up property which enables high film build. Besides it is superior in terms of adhesiveness, anticorrosiveness and humidity resistance. It can be overcoated by various kinds of finishes (except for polyurethane).

| | | | | | | | |
|--|---|------------------------------|----------------------------------|-------------|--------------|------------|--------|
| Suitable Use | Anticorrosive for decks, exterior of superstructure, fittings, etc. | | | | | | |
| Type | Special synthetic resin | | | | | | |
| Color | (Product Code)* | Buff | (CCGD 1501)* | pebble gray | (CCGD 7032)* | | |
| | | Red Oxide | (CCGD 3700)* | White | (CCGD 9010)* | | |
| | | *Not color code (See note 3) | | | | | |
| Gloss | Flat | | | | | | |
| Volume Solids | 46 ± 2% (ISO3233:1998) | | | | | | |
| Typical Dry Film Thickness | 60 μm | | | | | | |
| Approx. Wet Film Thickness | 130 μm | | | | | | |
| Theoretical Coverage | 7.70 m²/ L (60 μm) | | | | | | |
| Drying Time | Surface Dry | 3 hour | (5°C) | 1 hour | (20°C) | 30 minutes | (30°C) |
| | Dry Hard | 10 hours | (5°C) | 5 hours | (20°C) | 4 hours | (30°C) |
| Interval before Overcoating (by self) | Min. | 10 hours | (5°C) | 5 hours | (20°C) | 4 hours | (30°C) |
| | Max. | — | (5°C) | — | (20°C) | — | (30°C) |
| Thinner (Code. No.) | NIPPON MARINE THINNER 200 (VCC 20M) / 0 ~ 5%, by volume | | | | | | |
| Application Method | Airless Spray | Tip range | 0.48 ~ 0.53 mm (0.019" - 0.023") | | | | |
| | | Fan angle | 55 ~69° | | | | |
| | | Output pressure | 100 ~ 150 kg / cm² | | | | |
| | | Brush | For touching up small areas only | | | | |
| Package | 20L | | | | | | |
| Flash Point | 24 °C | | | | | | |
| Surface Preparation | Blast cleaned to ISO-Sa 2 ¹ / ₂ or power tool cleaned to St 3 is recommended. | | | | | | |
| Generals | For commercial use only. Attention - Avoid exposure - obtain special instructions before use. | | | | | | |
| Safety | Take precautions to avoid skin and eye contact (i.e. gloves, goggles, face masks, barrier creams etc.) Proper ventilation and protective measures must be provided during applications and drying period to keep solvent vapor concentrations within safe limits. Prior to use, obtain, consult and follow the SDS for this product concerning health and safety information. | | | | | | |

Marine Paint Manual

UNIPRIME 20 (E)
Issue Date: February 2019 (EU)

<Note>

- 1) The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.
- 2) Store the paints in paint store.
- 3) This code is internal product code of NPMEU. Please be careful as it isn't color code.